

Morbidity and Mortality

Weekly
Report



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HEALTH, EDUCATION, AND WELFARE

Public Health Service

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended November 12, 1955

In 1954, there were 563 reported cases of *psittacosis*, about 200 of which resulted from contact with turkeys in poultry processing plants. The remainder were predominantly infections from parakeets. None of the cases in 1955 to date have been reported to have occurred as a result of contact with turkeys. The final total for 1955 is not expected to exceed the number in 1954 associated with psittacine birds.

For the first 45 weeks of 1955, large numbers of cases have been reported in the following States: California, 33; Minnesota, 26; Illinois, 24; New York, 17; Wisconsin, 18; Idaho, 15; Pennsylvania, 12; and New Jersey, 10.

Typhoid fever has been reported in all sections of the country since January 1, 1955. However, almost a fourth of all the cases have been reported in 3 States—Texas with 171; Kentucky, 102; and Pennsylvania, 95. Cases in these States as well as in others have been scattered throughout the year and there has been no concentration of cases affecting the general population. No outbreaks have been reported from these States, and only small family outbreaks, affecting at most 2 and 3 persons, were reported from the other States.

A marked decrease in the incidence of *poliomyelitis* was reported this week, from 628 cases last week to 469. Part of this reduction may be due to the fact that a holiday fell on the last day of the reporting week.

States reporting 18 or more cases (last week's figures in parentheses) are as follows: California, 87 (48); Massachusetts, 43 (67); New York, 40 (98); Wisconsin, 40 (45); Ohio, 26 (33); Washington, 23 (26); Oregon, 20 (22); Kentucky, 18 (7); and Texas, 18 (33).

Cumulative poliomyelitis figures for the United States are:

	Calendar year		Disease year	
	1955	1954	1955	1954
Total-----	27,559	36,221	26,496	34,668
Paralytic-----	9,804	13,354	9,342	12,748
Nonparalytic ---	10,612	10,714	10,321	10,333
Unspecified ----	7,143	12,153	6,833	11,587

The Poliomyelitis Surveillance Unit, Public Health Service Communicable Disease Center, reports that the total number of accepted cases of paralytic poliomyelitis among vaccinated persons is 304. Nonparalytic cases total 762.

EPIDEMIOLOGICAL REPORTS

Psittacosis

Dr. Daniel Bergsma, New Jersey Department of Health, reports 3 confirmed cases of *psittacosis* and 2 suspect cases. The cases were all in one family—the mother, and 2 of the children, aged 6 and 8. The suspect cases were in 2 daughters aged 2 and 4, but serum samples have not yet been tested. Early in October the entire family, except the father, began having respiratory complaints, pneumonitis, fever, and cold symptoms. Two parakeets, which the family had purchased in May from a local pet shop, died 9 days after the onset of illnesses among the patients. These birds have been submitted for virus studies.

Dr. Martin P. Hines, North Carolina State Board of Health, has supplied information on 6 cases of *psittacosis* which occurred in 6 counties of the State. All were confirmed by laboratory tests. Three were definitely associated with parakeets. One patient owns a parakeet, but it has never been sick and is well at present. The only other birds this patient has been in contact with are peacocks belonging to a neighbor. One patient had no direct contact with birds, but had cleaned a bird feeding box in her yard and a bird shelf on the window sill. The sixth patient had been ill in 1952, and the illness was presumptive *psittacosis*, but no complement fixation tests for the disease were made. At that time she owned a parakeet which was later given away. At present, the patient has had no contact with birds, except possibly doves in the surrounding area, and chickens which are kept in her backyard. On the day she became ill, she had dressed several chickens for her home freezer. If available, tissues of the frozen chickens will be examined for *psittacosis* virus.

Dr. G. D. Wallace, Alabama Department of Public Health, has supplied information on 2 cases of *psittacosis* in children, 2½ and 10 years of age, respectively. Both had symptoms suggestive of atypical pneumonia and were admitted to a hospital. X-ray examinations showed spotty areas of infiltration in the lung fields of both patients. The older girl was seriously ill, but intensive antibiotic therapy led to recovery of both. Complement fixation titers of 1:64 and 1:256 were obtained on blood drawn from the younger patient, but were negative for the other. The only avian contact established was a neighbor's parakeet. The younger patient visited the neighbor's house frequently, and shortly before the onset of her illness, she assisted in the burial of the parakeet that had been killed by a cat. The health status and origin of the parakeet could not be determined.

Gastro-enteritis

Dr. J. D. Martin, Louisiana Department of Health, reports an outbreak of *gastro-enteritis* among employees in a hospital. No food was available for bacteriological examination. An investigation revealed that employees and patients were served the same menu, except that carrots were served to patients and lima beans to employees. None of the patients became ill. The lima beans were prepared and served at the previous evening meal. One pan of beans was left, and it was served to the employees for lunch.

The San Diego County Department of Public Health reports an outbreak of *gastro-enteritis* among persons who ate cream-filled pastries. The pastries were made by a commercial bakery. The ingredients were mixed by hand and the pastries filled with a filler. The person who mixed the cream filling had a blister on his hand, but no specimens from it were collected. Specimens of filling from the filler showed hemolytic staphylococci. A specimen from one patient revealed the same organism.

The California Department of Public Health reports 2 outbreaks of *gastro-enteritis* among workers who ate lunches in the fields. In one of the outbreaks, all of the 300 persons became ill from 4 to 7 hours after eating lunch. Lunches consisted of 3 kinds of sandwiches—bean, "chorizo" and egg, and shredded beef. Bacteriological examination showed no con-

tamination of the bean or "chorizo" and egg, but the shredded beef was contaminated with a proteus type of organism and paracolon Bethesda-Bellerup group. An investigation revealed that shredding of the beef was done by hand. Refrigeration facilities were not available for large orders of meat, and sanitary con-

ditions were poor in the kitchen where the sandwiches were prepared. In the other outbreak, 42 persons became ill from 2 to 6 hours after eating chicken sandwiches, which probably remained unrefrigerated for many hours. None of the sandwiches were available for bacteriological examination.

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: CONTINENTAL UNITED STATES
(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	45th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Nov. 12, 1955	Ended Nov. 13, 1954	Median 1950-54	First 45 weeks			Since seasonal low week			
				1955	1954	Median 1950-54	1954-55	1953-54	Median 1949-50 to 1953-54	
Anthrax-----062	-	1	2	26	19	32	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	---	6	13	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	24	18	---	1,118	1,481	---	---	---	---	---
Diphtheria-----055	67	75	75	1,534	1,705	2,544	825	833	1,098	July 1
Encephalitis, infectious-----082	26	19	16	1,370	1,728	1,007	839	1,172	602	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	339	590	---	28,313	44,599	---	---	---	---	---
Malaria-----110-117	8	12	---	430	654	---	(1)	(1)	(1)	(1)
Measles-----085	1,461	2,710	1,669	528,077	644,695	482,607	9,678	15,586	11,152	Sept. 1
Meningococcal infections-----057	61	60	64	3,027	3,599	3,599	456	540	584	Sept. 1
Polio-myelitis-----080	469	864	864	² 27,559	36,221	33,512	² 26,496	34,668	31,931	Apr. 1
Psittacosis-----096.2	³ 2	1	---	243	465	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	5	8	10	(1)	(1)	(1)	(1)
Rocky Mountain spotted fever-----104A	3	2	1	268	282	307	(1)	(1)	(1)	(1)
Scarlet fever and streptococcal sore throat-----050,051	1,918	1,938	1,754	128,096	128,567	91,992	22,839	20,826	15,719	Aug. 1
Smallpox-----084	-	-	-	-	-	12	(1)	(1)	(1)	(1)
Trichiniasis-----128	5	1	---	243	217	---	(1)	(1)	(1)	(1)
Tularemia-----059	4	8	6	⁴ 454	516	563	(1)	(1)	(1)	(1)
Typhoid fever-----040	27	43	38	1,536	2,083	2,083	1,229	1,677	1,759	Apr. 1
Typhus fever, endemic-----101	1	3	---	119	166	---	(1)	(1)	(1)	(1)
Whooping cough-----056	755	1,254	1,141	57,068	51,143	51,143	4,966	7,382	6,149	Oct. 1
Rabies in animals-----	65	109	109	4,498	6,019	6,235	460	623	---	Oct. 1

¹Frequencies are too small.

²Deduction: Ohio, week ended October 29, 1 case.

³Illinois and Minnesota, 1 case each.

⁴Addition: Nebraska, week ended November 5, 1 case.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and Territory and of one possession. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, psittacosis, rabies in man, and smallpox are not shown

in table 2, but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 13, 1954 AND NOVEMBER 12, 1955

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	BRUCELLOSIS (UNDULANT FEVER) (044)		DIPHTHERIA (055)		ENCEPHALITIS, INFECTIOUS (082)		HEPATITIS, INFECTIOUS, AND SERUM (092,N998.5 pt.)		MALARIA (110-117)			
									Civilian ¹		Military	
	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954
CONT. UNITED STATES-----	24	18	67	75	26	19	339	590	6	8	2	4
NEW ENGLAND-----	-	-	-	-	1	1	28	42	-	-	1	-
Maine-----	-	-	-	-	-	-	8	7	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	2	1	-	-	-	-
Vermont-----	-	-	-	-	-	-	8	1	-	-	-	-
Massachusetts-----	-	-	-	-	1	-	2	12	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	6	15	-	-	1	-
Connecticut-----	-	-	-	-	-	1	2	6	-	-	-	-
MIDDLE ATLANTIC-----	-	-	2	1	3	5	72	171	-	1	-	1
New York-----	-	-	2	-	3	5	48	114	-	-	-	1
New Jersey-----	-	-	-	1	-	-	4	7	-	1	-	-
Pennsylvania-----	-	-	-	-	-	-	20	50	-	-	-	-
EAST NORTH CENTRAL-----	6	3	5	3	-	2	58	84	-	-	-	1
Ohio-----	-	-	-	-	-	-	13	15	-	-	-	-
Indiana-----	-	-	-	-	-	-	8	15	-	-	-	-
Illinois-----	3	2	1	1	-	2	3	19	-	-	-	1
Michigan-----	2	-	4	2	-	-	16	23	-	-	-	-
Wisconsin-----	1	1	-	-	-	-	18	12	-	-	-	-
WEST NORTH CENTRAL-----	11	7	7	4	4	3	30	64	-	-	-	-
Minnesota-----	1	2	-	1	-	2	13	36	-	-	-	-
Iowa-----	3	3	-	-	-	-	5	23	-	-	-	-
Missouri-----	-	-	1	3	-	-	1	1	-	-	-	-
North Dakota-----	-	-	-	-	-	-	6	2	-	-	-	-
South Dakota-----	1	2	-	-	-	-	4	1	-	-	-	-
Nebraska-----	6	-	6	-	-	-	-	1	-	-	-	-
Kansas-----	-	-	-	-	4	1	1	-	-	-	-	-
SOUTH ATLANTIC-----	3	1	25	18	-	-	32	56	1	-	-	1
Delaware-----	-	-	-	-	-	-	-	1	-	-	-	-
Maryland-----	-	-	-	6	-	-	10	6	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	4	-	-	-	-
Virginia-----	-	1	-	1	-	-	11	32	-	-	-	1
West Virginia-----	-	-	1	-	-	-	-	4	-	-	-	-
North Carolina-----	-	-	1	-	-	-	2	6	-	-	-	-
South Carolina-----	-	-	4	4	-	-	-	-	-	-	-	-
Georgia-----	2	-	14	4	-	-	4	3	-	-	-	-
Florida-----	1	-	5	3	-	-	5	-	1	-	-	-
EAST SOUTH CENTRAL-----	-	-	15	30	2	3	13	33	-	-	-	-
Kentucky-----	-	-	-	7	-	-	5	3	-	-	-	-
Tennessee-----	-	-	-	1	2	2	4	15	-	-	-	-
Alabama-----	-	-	15	22	-	-	3	7	-	-	-	-
Mississippi-----	-	-	-	-	-	1	1	8	-	-	-	-
WEST SOUTH CENTRAL-----	2	3	6	13	5	4	28	30	2	6	-	-
Arkansas-----	1	2	-	2	-	-	1	4	-	-	-	-
Louisiana-----	-	-	-	9	1	-	-	4	-	-	-	-
Oklahoma-----	-	-	1	1	-	1	-	3	-	-	-	-
Texas-----	1	1	6	1	4	3	27	19	2	6	-	-
MOUNTAIN-----	1	2	-	2	1	-	36	48	1	1	-	-
Montana-----	-	-	-	-	1	-	15	7	-	-	-	-
Idaho-----	-	-	-	-	-	-	1	29	-	-	-	-
Wyoming-----	-	-	-	-	-	-	6	-	-	-	-	-
Colorado-----	-	1	-	-	-	-	6	4	1	1	-	-
New Mexico-----	-	1	-	-	-	-	1	-	-	-	-	-
Arizona-----	-	-	-	2	-	-	6	8	-	-	-	-
Utah-----	1	-	-	-	-	-	1	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	1	2	7	4	10	1	42	62	2	-	1	1
Washington-----	-	-	-	-	-	-	6	8	-	-	-	1
Oregon-----	-	-	-	-	-	-	5	20	-	-	-	-
California-----	1	2	7	4	10	1	31	34	2	-	1	-
Alaska-----	-	-	-	-	-	-	3	9	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	6	-	-	-	1
Puerto Rico-----	-	-	-	1	-	-	1	1	-	1	-	-

¹Includes cases not specified as civilian or military.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 13, 1954 AND NOVEMBER 12, 1955—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MEASLES (085)		MENINGO- COCCAL INFECTIONS (057)		POLIOMYELITIS (080)						ROCKY MOUNTAIN SPOTTED FEVER (104A)	
	1955	1954	1955	1954	Total ²		Paralytic (080.0,080.1)		Nonparalytic (080.2)		1955	1954
					1955	1954	1955	1954	1955	1954		
CONT. UNITED STATES-----	1,461	2,710	61	60	469	864	211	353	143	191	3	2
NEW ENGLAND-----	66	849	2	2	63	51	21	20	22	17	-	-
Maine-----	-	88	-	1	1	5	1	4	-	1	-	-
New Hampshire-----	-	32	1	-	-	4	-	-	-	-	-	-
Vermont-----	58	91	-	1	2	4	2	4	-	-	-	-
Massachusetts-----	4	553	-	-	43	13	17	3	17	8	-	-
Rhode Island-----	1	11	1	-	12	1	1	-	1	-	-	-
Connecticut-----	3	74	-	-	5	24	-	9	4	8	-	-
MIDDLE ATLANTIC-----	195	693	3	9	53	197	14	66	13	25	1	-
New York-----	128	460	3	5	40	111	13	42	10	15	-	-
New Jersey-----	26	149	-	2	5	37	1	24	3	10	1	-
Pennsylvania-----	41	84	-	2	8	49	-	-	-	-	-	-
EAST NORTH CENTRAL-----	231	357	13	9	96	188	34	71	31	31	-	1
Ohio-----	35	22	-	3	26	45	1	14	5	2	-	-
Indiana-----	21	30	5	1	5	49	2	16	1	1	-	1
Illinois-----	74	37	2	2	15	40	7	19	3	13	-	-
Michigan-----	73	218	4	2	10	40	5	15	5	14	-	-
Wisconsin-----	28	50	2	1	40	14	19	7	17	1	-	-
WEST NORTH CENTRAL-----	91	119	5	3	29	86	16	31	9	21	-	-
Minnesota-----	5	77	2	1	6	5	3	3	3	1	-	-
Iowa-----	19	11	-	-	5	27	2	10	2	6	-	-
Missouri-----	6	5	-	1	11	13	7	5	3	3	-	-
North Dakota-----	16	22	-	1	-	3	-	-	-	-	-	-
South Dakota-----	3	-	1	-	-	9	-	2	-	3	-	-
Nebraska-----	1	-	-	-	2	12	2	3	-	4	-	-
Kansas-----	41	4	2	-	5	17	2	8	1	4	-	-
SOUTH ATLANTIC-----	152	80	9	11	28	93	14	41	11	24	2	-
Delaware-----	2	-	-	-	-	5	-	3	-	2	-	-
Maryland-----	39	4	1	-	3	9	2	6	1	3	-	-
District of Columbia-----	5	1	-	-	1	3	1	2	-	1	-	-
Virginia-----	19	22	3	-	-	11	-	5	-	4	1	-
West Virginia-----	54	41	-	-	1	4	1	1	-	1	-	-
North Carolina-----	13	3	2	4	16	8	6	2	10	-	1	-
South Carolina-----	7	-	1	2	3	2	2	1	-	-	-	-
Georgia-----	11	6	1	3	2	8	2	3	-	1	-	-
Florida-----	2	3	1	2	2	43	-	18	-	12	-	-
EAST SOUTH CENTRAL-----	26	69	9	5	22	40	7	19	6	11	-	1
Kentucky-----	14	12	6	2	18	20	5	10	5	9	-	-
Tennessee-----	11	45	1	-	4	8	2	4	1	-	-	-
Alabama-----	1	10	1	2	-	7	-	4	-	2	-	-
Mississippi-----	-	2	1	1	-	5	-	1	-	-	-	1
WEST SOUTH CENTRAL-----	87	203	8	7	27	66	13	37	6	16	-	-
Arkansas-----	9	30	-	2	-	8	-	7	-	1	-	-
Louisiana-----	2	-	1	2	5	18	4	14	1	4	-	-
Oklahoma-----	11	5	1	-	4	4	-	1	-	-	-	-
Texas-----	65	168	6	3	18	36	9	15	5	11	-	-
MOUNTAIN-----	339	62	4	3	21	35	10	8	4	9	-	-
Montana-----	179	1	-	-	2	7	1	3	-	3	-	-
Idaho-----	8	1	-	-	8	2	2	-	4	-	-	-
Wyoming-----	31	4	-	-	1	6	-	1	-	2	-	-
Colorado-----	73	8	2	1	3	5	2	2	-	1	-	-
New Mexico-----	1	8	1	-	3	3	3	1	-	2	-	-
Arizona-----	20	34	-	2	2	2	2	1	-	1	-	-
Utah-----	15	6	-	-	1	10	-	-	-	-	-	-
Nevada-----	12	-	-	-	1	-	-	-	-	-	-	-
PACIFIC-----	274	278	8	11	130	108	82	60	41	37	-	-
Washington-----	58	88	-	2	23	14	15	5	4	-	-	-
Oregon-----	20	18	-	-	20	17	14	7	3	9	-	-
California-----	196	172	8	9	87	77	53	48	34	28	-	-
Alaska-----	20	4	-	-	2	22	2	15	-	6	-	-
Hawaii-----	2	25	-	-	11	-	7	-	4	-	-	-
Puerto Rico-----	62	34	-	1	-	2	-	2	-	-	-	-

²Includes cases not specified by type, category number (080.3).

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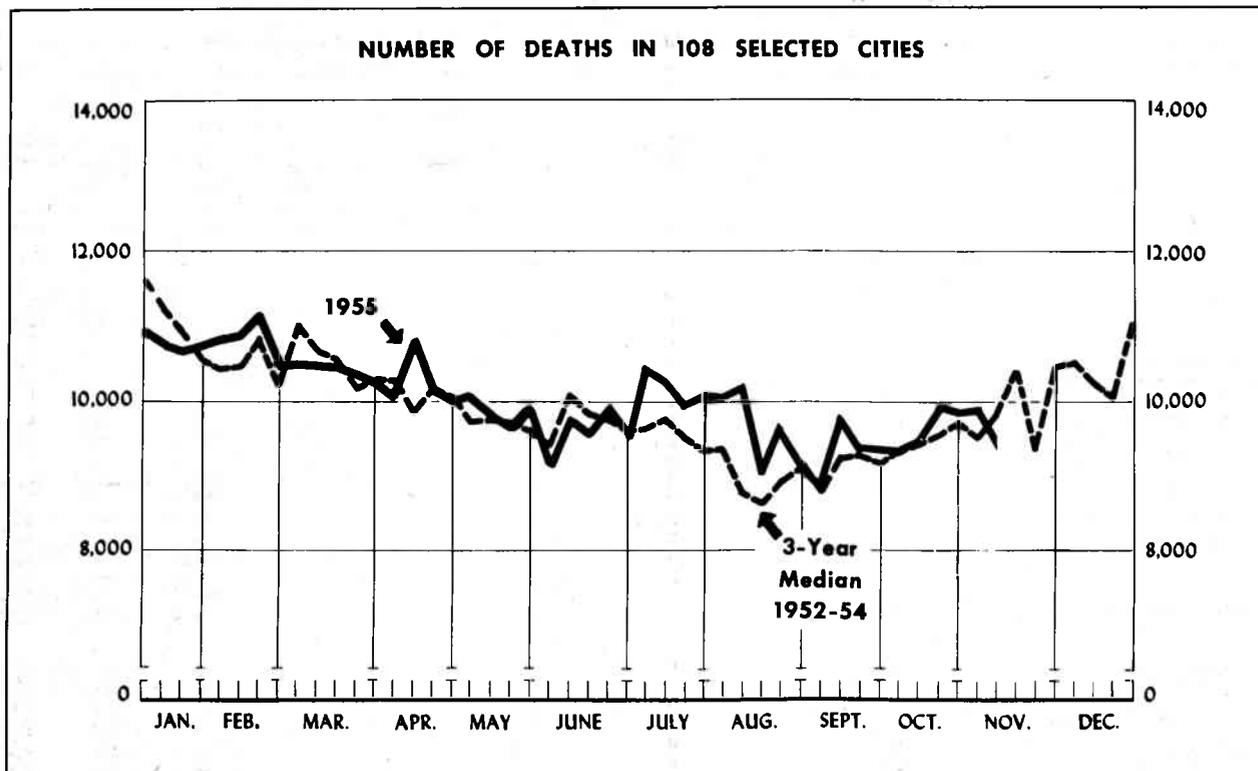
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 13, 1954 AND NOVEMBER 12, 1955—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050,051)		TRICHI- NIASIS (128)	TULAREMIA (059)		TYPHOID FEVER (040)		TYPHUS FEVER, ENDEMIC (101)	WHOOPIING COUGH (056)		RABIES IN ANIMALS	
	1955	1954	1955	1955	1954	1955	1954	1955	1955	1954	1955	1954
CONT. UNITED STATES-----	1,918	1,938	5	4	8	27	43	1	755	1,254	65	109
NEW ENGLAND-----	72	79	-	-	-	1	2	-	28	179	-	-
Maine-----	22	13	-	-	-	-	-	-	-	8	-	-
New Hampshire-----	2	2	-	-	-	-	-	-	4	15	-	-
Vermont-----	2	1	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	33	42	-	-	-	1	2	-	10	58	-	-
Rhode Island-----	1	4	-	-	-	-	-	-	1	50	-	-
Connecticut-----	12	17	-	-	-	-	-	-	13	48	-	-
MIDDLE ATLANTIC-----	112	105	3	-	-	2	5	-	124	290	17	19
New York-----	70	73	3	-	-	1	-	-	59	93	5	19
New Jersey-----	8	14	-	-	-	1	1	-	21	80	-	-
Pennsylvania-----	34	18	-	-	-	-	4	-	44	117	12	-
EAST NORTH CENTRAL-----	197	230	1	-	-	5	4	-	171	265	7	7
Ohio-----	40	33	-	-	-	1	3	-	16	49	3	1
Indiana-----	59	63	-	-	-	3	-	-	43	28	-	5
Illinois-----	31	33	-	-	-	-	1	-	12	32	2	1
Michigan-----	52	65	-	-	-	1	-	-	67	103	-	-
Wisconsin-----	15	38	1	-	-	-	-	-	33	53	2	-
WEST NORTH CENTRAL-----	70	69	-	-	-	4	2	-	43	41	4	19
Minnesota-----	29	14	-	-	-	-	-	-	4	26	-	9
Iowa-----	13	9	-	-	-	3	1	-	4	5	4	6
Missouri-----	5	3	-	-	-	1	1	-	7	7	-	4
North Dakota-----	9	33	-	-	-	-	-	-	3	1	-	-
South Dakota-----	7	3	-	-	-	-	-	-	-	1	-	-
Nebraska-----	-	5	-	-	-	-	-	-	-	-	-	-
Kansas-----	7	2	-	-	-	-	-	-	25	1	-	-
SOUTH ATLANTIC-----	194	195	-	1	1	4	15	-	63	141	11	30
Delaware-----	4	3	-	-	-	-	-	-	2	-	-	-
Maryland-----	10	15	-	1	-	1	-	-	7	15	-	-
District of Columbia-----	6	8	-	-	-	-	-	-	1	3	-	-
Virginia-----	71	63	-	-	-	-	2	-	16	20	7	5
West Virginia-----	10	17	-	-	-	-	1	-	21	57	1	11
North Carolina-----	12	30	-	-	-	-	8	-	8	4	-	7
South Carolina-----	19	10	-	-	-	-	3	-	1	25	2	3
Georgia-----	47	34	-	-	1	1	1	-	1	15	1	3
Florida-----	15	15	-	-	-	2	-	-	6	2	-	1
EAST SOUTH CENTRAL-----	166	70	-	-	2	3	4	-	79	98	11	10
Kentucky-----	95	20	-	-	1	-	3	-	21	36	4	1
Tennessee-----	33	17	-	-	-	3	-	-	16	16	1	-
Alabama-----	26	22	-	-	1	-	-	-	27	36	6	3
Mississippi-----	12	11	-	-	-	-	1	-	15	10	-	6
WEST SOUTH CENTRAL-----	671	697	-	1	4	5	6	1	164	78	8	21
Arkansas-----	24	21	-	-	1	-	2	-	13	5	2	5
Louisiana-----	11	3	-	-	-	2	-	-	3	2	-	-
Oklahoma-----	12	13	-	-	-	-	-	-	8	5	-	1
Texas-----	624	660	-	1	3	3	4	1	140	66	6	15
MOUNTAIN-----	261	305	-	2	1	1	4	-	43	43	-	2
Montana-----	1	6	-	-	-	-	2	-	-	-	-	-
Idaho-----	6	17	-	-	-	-	-	-	-	3	-	-
Wyoming-----	14	59	-	-	1	-	-	-	-	2	-	-
Colorado-----	40	15	-	-	-	-	-	-	12	12	-	-
New Mexico-----	52	22	-	-	-	1	-	-	1	10	-	-
Arizona-----	127	147	-	-	-	-	2	-	17	15	-	2
Utah-----	21	39	-	2	-	-	-	-	13	1	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	175	188	1	-	-	2	1	-	40	119	7	1
Washington-----	59	51	-	-	-	-	-	-	6	16	-	-
Oregon-----	24	26	-	-	-	-	1	-	5	7	-	-
California-----	92	111	1	-	-	2	-	-	29	96	7	1
Alaska-----	9	12	-	-	-	-	-	-	3	-	-	-
Hawaii-----	-	2	-	-	-	-	-	-	-	6	-	-
Puerto Rico-----	-	-	-	-	-	-	1	-	12	16	-	2

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The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated, for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between

death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

AREA	45th week ended Nov. 12, 1955	44th week ended Nov. 5, 1955	45th week median 1952-54	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 45 WEEKS		
					1955	1954	Percent change
TOTAL: 104 REPORTING CITIES-----	9,303	9,710	9,673	-3.8	444,587	432,924	+2.7
New England----- (14 cities)	636	615	705	-9.8	30,414	29,201	+4.2
Middle Atlantic----- (16 cities)	2,747	3,041	2,959	-7.2	131,731	127,273	+3.5
East North Central----- (18 cities)	2,100	2,181	2,171	-3.3	99,053	95,942	+3.2
West North Central----- (8 cities)	637	690	692	-7.9	30,728	31,517	-2.5
South Atlantic----- (9 cities)	718	781	759	-5.4	34,086	33,374	+2.1
East South Central----- (8 cities)	411	439	379	+8.4	20,790	20,428	+1.8
West South Central----- (12 cities)	674	714	713	-5.5	33,115	32,546	+1.7
Mountain----- (7 cities)	153	186	194	-21.1	8,683	8,376	+3.7
Pacific----- (12 cities)	1,227	1,063	1,159	+5.9	55,987	54,267	+3.2

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED NOVEMBER 12, 1955

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	45th week ended Nov. 12, 1955	44th week ended Nov. 5, 1955	CUMULATIVE NUMBER FOR FIRST 45 WEEKS		CITY	45th week ended Nov. 12, 1955	44th week ended Nov. 5, 1955	CUMULATIVE NUMBER FOR FIRST 45 WEEKS	
			1955	1954				1955	1954
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	217	205	10,374	9,817	St. Louis-----	198	206	9,754	10,307
Bridgeport-----	28	28	1,637	1,555	St. Paul-----	65	73	2,877	2,877
Cambridge-----	35	35	1,314	1,208	Wichita-----	47	44	1,727	1,875
Fall River-----	29	22	1,231	1,201	SOUTH ATLANTIC				
Hartford-----	34	44	1,997	2,038	Atlanta-----	126	108	4,648	4,627
Lowell-----	31	24	1,138	1,202	Baltimore-----	213	211	9,996	9,508
Lynn-----	22	18	982	955	Charlotte-----	21	28	1,225	1,334
New Bedford-----	22	15	1,070	1,007	Jacksonville-----	(33)	(59)	(2,136)	(2,155)
New Haven-----	39	43	1,905	1,894	Miami-----	33	39	2,341	2,723
Providence-----	54	61	2,823	2,690	Norfolk-----	27	43	1,410	1,268
Somerville-----	10	13	663	643	Richmond-----	70	71	2,852	2,817
Springfield, Mass.-----	43	41	1,873	1,736	Savannah-----	---	(34)	---	(1,232)
Waterbury-----	27	24	1,123	1,045	Tampa-----	40	60	2,398	2,306
Worcester-----	45	42	2,284	2,210	Washington, D. C.-----	157	185	7,645	7,353
MIDDLE ATLANTIC					Wilmington, Del.-----	31	36	1,571	1,438
Albany-----	40	35	2,118	2,018	EAST SOUTH CENTRAL				
Allentown-----	(32)	(36)	(1,610)	(1,489)	Birmingham-----	97	84	3,425	3,272
Buffalo-----	88	115	6,005	6,005	Chattanooga-----	53	35	1,943	1,904
Camden-----	23	31	1,623	1,649	Knoxville-----	25	35	1,504	1,501
Elizabeth-----	(31)	---	---	(1,256)	Louisville-----	67	87	4,586	4,711
Erie-----	32	42	1,546	1,480	Memphis-----	74	96	4,389	4,260
Jersey City-----	55	77	3,088	3,038	Mobile-----	35	34	1,289	1,424
Newark, N. J.-----	80	105	4,455	4,306	Montgomery-----	22	26	1,159	1,162
New York City-----	1,587	1,587	69,708	67,619	Nashville-----	38	42	2,495	2,194
Paterson-----	30	32	1,645	1,674	WEST SOUTH CENTRAL				
Philadelphia-----	405	530	21,251	20,346	Austin-----	30	26	1,144	1,125
Pittsburgh-----	162	198	7,896	7,042	Baton Rouge-----	15	27	934	957
Reading-----	(20)	(20)	(1,013)	(908)	Corpus Christi-----	7	15	768	773
Rocheater, N. Y.-----	77	95	4,161	4,052	Dallas-----	125	91	4,357	4,458
Schenectady-----	20	27	1,012	1,076	El Paso-----	28	13	1,253	1,178
Scranton-----	(45)	(33)	(1,506)	(1,503)	Fort Worth-----	54	47	2,423	2,507
Syracuse-----	52	51	2,446	2,434	Houston-----	102	123	5,562	5,338
Trenton-----	39	41	2,127	1,991	Little Rock-----	28	31	1,971	1,801
Utica-----	30	38	1,373	1,333	New Orleans-----	144	151	6,671	6,622
Yonkers-----	27	37	1,277	1,210	Oklahoma City-----	44	46	2,515	2,607
EAST NORTH CENTRAL					San Antonio-----	71	86	3,773	3,451
Akron-----	53	38	2,321	2,407	Shreveport-----	26	58	1,744	1,729
Canton-----	25	26	1,212	1,254	Tulsa-----	---	(54)	---	(1,973)
Chicago-----	746	729	32,420	31,851	MOUNTAIN				
Cincinnati-----	116	128	6,560	6,163	Albuquerque-----	22	20	1,017	1,170
Cleveland-----	195	190	8,817	8,784	Colorado Springs-----	18	9	574	529
Columbus-----	91	106	4,737	4,467	Denver-----	71	106	4,761	4,483
Dayton-----	53	58	2,879	2,774	Ogden-----	14	13	502	497
Detroit-----	292	308	14,408	13,719	Phoenix-----	12	23	1,069	913
Evansville-----	39	31	1,423	1,302	Pueblo-----	11	10	559	599
Flint-----	39	38	1,651	1,654	Salt Lake City-----	(38)	---	---	(1,752)
Fort Wayne-----	30	25	1,506	1,128	Tucson-----	5	5	201	185
Gary-----	(24)	(20)	(1,219)	(1,146)	PACIFIC				
Grand Rapids-----	43	31	1,849	1,734	Berkeley-----	17	12	786	783
Indianapolis-----	98	132	4,898	4,894	Long Beach-----	42	45	2,167	2,145
Milwaukee-----	115	142	5,554	5,356	Los Angeles-----	485	372	20,404	19,321
Peoria-----	32	28	1,309	1,326	Oakland-----	96	75	3,850	4,077
South Bend-----	15	29	1,111	1,030	Pasadena-----	36	25	1,624	1,462
Toledo-----	69	91	4,118	3,940	Portland, Oreg.-----	90	83	4,167	4,308
Youngstown-----	49	51	2,280	2,159	Sacramento-----	35	54	2,180	2,030
WEST NORTH CENTRAL					San Diego-----	73	79	3,281	3,193
Des Moines-----	35	58	2,299	2,226	San Francisco-----	166	156	8,183	8,147
Duluth-----	26	25	1,134	1,178	Seattle-----	101	101	5,664	5,331
Kansas City, Kans.-----	---	(25)	---	(1,475)	Spokane-----	52	33	2,027	1,971
Kansas City, Mo.-----	114	104	4,843	5,253	Tacoma-----	34	30	1,654	1,499
Minneapolis-----	104	121	5,239	5,089	Honolulu-----	(34)	(34)	(1,590)	(1,504)
Omaha-----	48	59	2,855	2,712					

Symbols.—parentheses (): data not included in table 3; 3 dashes --- : data not available.

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